(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization International Bureau



. <u>Bodia dijakua in diding bidi) adaha dijaka bidi in ini diding bidia didina didina didina didina didina didina</u>

(43) International Publication Date 8 September 2006 (08.09.2006)

PCT

(10) International Publication Number WO 2006/092079 A1

- (51) International Patent Classification: *G06F 9/45* (2006.01)
- (21) International Application Number:

PCT/CN2005/000258

- (22) International Filing Date: 3 March 2005 (03.03.2005)
- (25) Filing Language:

English

(26) Publication Language:

English

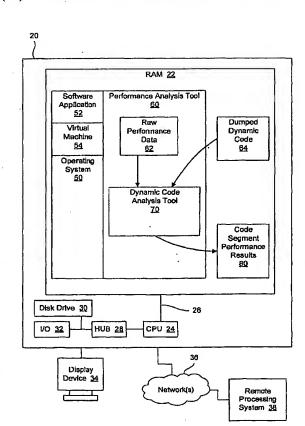
- (71) Applicant (for all designated States except US): INTEL CORPORATION [US/US]; 2200 Mission College Blvd., Santa Clara, CA 95052 (US).
- (72) Inventors; and
- (75) Inventors/Applicants (for US only): YANG, Rongzhen [CN/CN]; Room 9-701, #377 Gu Mei Road, Shanghai 201102 (CN). CHEN, Feng [CN/CN]; 22nd Floor, Shanghaimart Town, #2299 Yan'an Road (West), Shanghai 200336 (CN).
- (74) Agent: CHINA PATENT AGENT (H.K.) LTD.; 22/F, Great Eagle Centre, 23 Harbour Road, Wanchai, Hong Kong (CN).
- (81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.
- (84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

with international search report

[Continued on next page]

(54) Title: MINING FOR PERFORMANCE DATA FOR SYSTEMS WITH DYNAMIC COMPILERS



In an example data mining process, (57) Abstract: performance data for instructions that execute in a data processing system is obtained. The performance data may comprise instruction addresses and corresponding performance information. A dump that comprises the instructions and corresponding instruction addresses may also be obtained. Common code segments in the dump may be automatically identified. A common code segment may comprise an ordered set of multiple instructions that appears multiple times in the dump. Aggregate performance data for the code segments may be generated, based at least in part on (a) the instruction addresses associated with the common code segments in the dump, and (b) the instruction addresses and the corresponding performance information performance data. Other embodiments are described and claimed.

WO 2006/092079 A1

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.